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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/675,756

09/30/2003

Craig Nevill-Manning

53051/292435

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10/06/2006

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EXAMINER

MIZRAHI, DIANE D

ART UNIT

PAPER NUMBER

2165

DATE MAILED: 10/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/675,756

Applicant(s)

NEVILL-MANNING ET AL.

Examiner

DIANE D. MIZRAHI

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-12, 14-16 and 18-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-12, 14-16 and 18-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>7-19-06</u> . | 6) <input type="checkbox"/> Other: _____ |

III. DETAILED ACTION

Claims 2-12, 14-16, 18-24 are presented for examination and are pending.

Applicant's arguments have been reconsidered but are not deemed persuasive for the reasons set forth below.

Examiner has completed a through study of Applicant's amendment of 7-19-06.

Applicant's amendments to the above listed claims further direct the claimed invention to information extraction. In regards to Applicant's newly submitted amendment, please see new office action below:

Claim Rejections - 35 USC 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter or any new and useful improvement thereof, may obtain a patent therefore, subject to the conditions and requirements of this title.

Claims 18-24 are rejected under 35 U.S.C. 101 because the claims are directed to a non-statutory subject matter, specifically, directed towards "computer readable medium". Examiner recommends Applicant to add "storage" to the claimed, "computer readable medium".

Because the "practical application, result, concrete, useful and tangible" limitations are not claimed in Applicant's claims, Examiner believes that the above listed claims are nonstatutory.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Art Unit: 2165

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 2-12, 14-16, 18-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Ying-Jye James Chen et al. (U.S. Patent No. 6,009,442 and Chen hereinafter).

Regarding Claim 2, Chen teaches a method for information extraction comprising: accessing a plurality of related articles (col 1, lines 44-61); determining a seed article from the related articles (col 1, lines 44-61)(col 8, lines 29-59); by comparing (i.e. reads on analysis) (Col 2, lines 18-44)(col 20, lines 50-67) the seed article to at least one other related (col 7, lines 41-64)(col 8, lines 15-28) article... creating a template based on the identified information field (col 9, lines 5-15) see also (col 7, lines 41-64)(col 8, lines 15-28) (Figure 7).

Regarding Claims 3 and 5, Chen teaches comparing the seed article to at least one other related article by a dynamic programming alignment algorithm (i.e. reads on the document management application program) (Abstract)(col 3, lines 36-65)

Regarding Claims 4 and 6, Chen teaches ... clustering of articles (col 1, lines 44-61).

Regarding Claim 7, Chen teaches information field corresponds to variable data (col 17, lines 40-64)(col 4, lines 42-61).

Regarding Claim 8-10, Chen teaches ... related article are web pages on a web site (col 15, lines 28-50).

Regarding Claim 11, Chen teaches preserving visible text, visible images, and visible paragraph and table formatting (i.e. by clipped documents)(col 15, lines 28-50).

Regarding Claims 12, 14-16 and 18-24, these claims are similar in scope to the rejected claims above and are therefore rejected as set forth above.

Applicant is inaccurate for the reasons explicitly stated in the first Office Action and this final office action , based on the newly submitted amendment, dated September 29, 2006.

Therefore, Examiner asserts that Chen teaches Applicant's invention of information extraction.

Examiner believes that claims 2-12, 14-16, 18-24 are not allowable over the prior art of record cited above for reasons provided above. Therefore, Applicant's remarks are considered moot, and does not place the application in condition for allowance. Examiner asserts maintains that claims 2-12, 14-16, 18-24 are not allowable over the prior art of record cited in the Final Office Action dated 9-29-06).

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

Art Unit: 2165

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Other Prior Art Made of Record

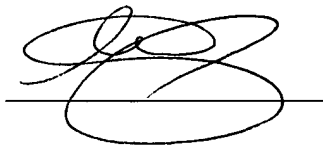
The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure. U.S. patents and U.S. patent application publications will not be supplied with Office actions. Examiners advises the Applicant that the cited U.S. patents and patent application publications are available for download via the Office's PAIR. As an alternate source, all U.S. patents and patent application publications are available on the USPTO web site (www.uspto.gov), from the Office of Public Records and from commercial sources. For the use of the Office's PAIR system, Applicants may refer to the Electronic Business Center (EBC) at <http://www.uspto.gov/ebc/index.html> or 1-866-217-9197.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diane D. Mizrahi whose telephone number is 571-272-4079. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on (571) 272-4146. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 305-3900 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

A handwritten signature in black ink, consisting of several loops and a horizontal line at the bottom, positioned above a horizontal line.

Diane Mizrahi
Primary Patent Examiner
Technology Center 2100

September 29, 2006